

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An anisotropic scattering film comprising a micro-porous film and a substance filled in ~~micro pores~~ micropores of said micro-porous film, wherein the void fraction occupied by micropores in the micro-porous film is from 30 to 85, the ~~micro-pores~~ micropores observed on the surface of the film are substantially in the form of ~~ellipse~~ ellipses, the a ratio of the major axis to the minor axis (major axis/minor axis) of said ellipse ellipses is over 1, the minor axis size of the ~~micro-pores~~ micropores is smaller than the a wavelength of light in a visible light region, the ~~directions of micro pores along the major axis are oriented to substantially one direction~~ micropores are oriented in one direction so that the major axis of the micropores is in substantially the same direction, the refractive index of the substance filled in ~~micro-pores~~ micropores of the micro-porous film differs from the refractive index of the micro-porous film, and the anisotropic scattering film has a scattering anisotropy when exposed to a polarizing component of a polarized light.

2. (Original) The anisotropic scattering film according to Claim 1, wherein the micro pores of the micro-porous film are filled with a substance having a refractive index different from the refractive index of the micro-porous film.

3. (Original) The anisotropic scattering film according to Claim 1 or 2, wherein the micro-porous film is composed of a polymer.

4. (Previously Presented) The anisotropic scattering film according to claim 1, wherein the gas permeability of the micro-porous film is 5 to 5,000 sec/100cc·cm².

5. (Previously Presented) The anisotropic scattering film according to claim 1, wherein the ratio of the major axis to the minor axis (major axis/minor axis) is 3 to 30.

6. (Currently Amended) The anisotropic scattering film according to claim 1, obtainable by polymerizing a polymerizable substance filled in the ~~micro-pores~~ micropores.

7. (Currently Amended) The anisotropic scattering film according to claim 1, wherein the substance in the ~~micro-pores~~ micropores is an anisotropic substance.

8. (Currently Amended) The anisotropic scattering film according to Claim 7, wherein the anisotropic substance in the micropores is oriented ~~to substantially~~ in one direction.

9. (Currently Amended) The anisotropic scattering film according to Claim 7 or 8, wherein

$$0.01 < |n - n_e| < 0.6$$

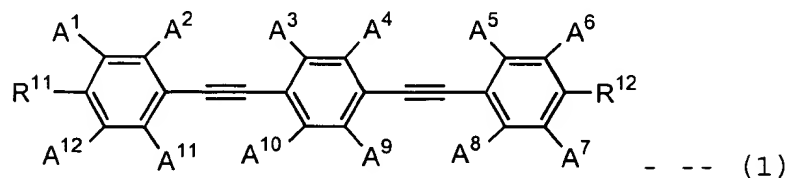
and

$$0 \leq |n - n_o| < 0.05$$

wherein in the above formula, n is the refractive index of the micro-porous film, and n_e and n_o ($n_e > n_o$) are the extraordinary and ordinary refractive ~~index~~ indexes, respectively, of the anisotropic substance.

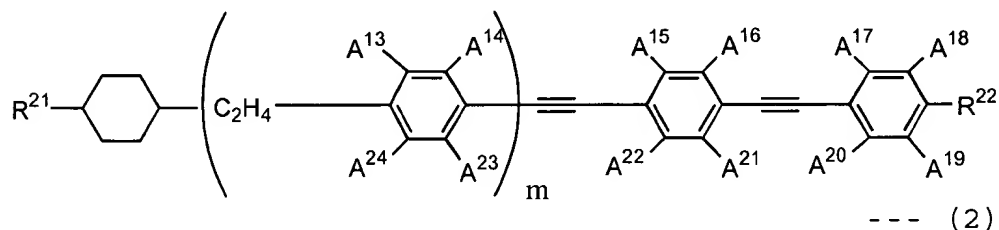
10. (Previously Presented) The anisotropic scattering film according to claim 7, wherein the anisotropic substance is a liquid crystal.

11. (Currently Amended) The anisotropic scattering film according to Claim 10, wherein the liquid crystal includes at least one compound selected from the compounds represented by the formulas (1) to (3):



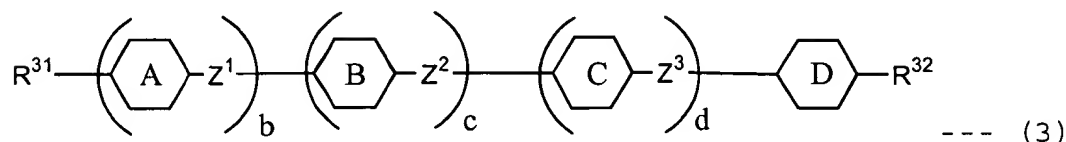
in the formula, A^1 - A^{12} represent, each independently, a hydrogen

atom, a fluorine atom, an alkyl group or alkoxy group having 1-10 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine; R^{11} and R^{12} represent, each independently, a hydrogen atom, a fluorine atom, a cyano group, SF_5 , NCS, 4- R^{13} -(cycloalkyl) group, 4- R^{13} -(cycloalkenyl group) or R^{14} -(O) q^{11} ; R^{13} represents a hydrogen atom, a linear or branched alkyl group having 1-12 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine; R^{14} represents a linear or branched alkyl group having 1-12 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine; and q^{11} represents 0 or 1,



in the formula, A^{13} - A^{24} represent, each independently, a hydrogen atom, a fluorine atom, or an alkyl group having 1-10 carbon atoms; m is 0 or 1; R^{21} represents a hydrogen atom, a linear or branched alkyl group having 1-12 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine; R^{22} represents R^{21} , a fluorine atom, a cyano group, 4- R^{23} -(cycloalkyl) group, 4- R^{23} -(cycloalkenyl group) or R^{24} -(O) q^{21} ; R^{23} represents a hydrogen atom, a linear or branched alkyl group having 1-12 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine, and R^{24} represents a linear or

branched alkyl group having 1-12 carbon atoms which ~~may be~~ is unsubstituted or substituted with fluorine; and q^{21} represents 0 or 1,



in the formula (3), ring A, ring B, ring C and ring D, each independently, represents, 1,4-phenylene, 1,4-cyclohexylene, 1,4-cyclohexelene, 4,1-cyclohexelene, 2,5-cyclohexelene, 5,2-cyclohexelene, 3,6-cyclohexelene, 6,3-cyclohexelene, 2,5-pyrimidinediyl, 5,2-pyrimidinediyl, 2,5-pyridinediyl, 5,2-pyridinediyl, 2,5-dioxanediyl or 5,2-dioxanediyl; hydrogen atoms on ring A, ring B, ring C, and ring D ~~may be~~ are unsubstituted or substituted with fluorine; ~~R³¹~~ R³¹ and ~~R³²~~ R³² represent a hydrogen atom, a fluorine atom, fluoromethyl group, difluoromethyl group, trifluoromethyl group, fluoromethoxy group, difluoromethoxy group, trifluoromethoxy group, cyano group, an alkyl group having 1-12 carbon atoms, an alkenyl group having 3-12 carbon atoms, an alkynyl group having 3-12 carbon atoms, an alkoxy group having 1-12 carbon atoms, an alkenyloxy group having 3-12 carbon atoms, an alkynyloxy group having 3-12 carbon atoms, an alkoxyalkyl group having 2-16 carbon atoms, or an alkoxyalkenyl group having 3-16 carbon atoms; the methylene group in these alkyl group, alkenyl group and alkynyl

group, ~~may be~~ is unsubstituted or substituted with oxygen atom, sulfur atom, and silicon atom, and can be either linear or branched; ~~Z1~~ Z¹, ~~Z2~~ Z², and ~~Z3~~ Z³ represent, each independently, -COO-, -OCO-, -OCH₂-, -CH₂O-, an alkylene group having 1-5 carbon atoms, an alkenylene group having 2-5 carbon atoms, an alkynylene group having 2-5 carbon atoms, or a single bond; and b, c and d are 0 or 1 each independently, and satisfy $b+c+d \geq 1$.

12. (Currently Amended) A liquid crystal display comprising a liquid crystal panel having a polarizing plate at least on the front surface side, the anisotropic scattering film described in claim 1, a light guide, and a reflection plate or a diffuse reflection plate ~~piled~~ present in this order, wherein the transmission axis of said liquid crystal panel and the transmission axis of said anisotropic scattering film are approximately parallel.

13. (Original) The liquid crystal display according to Claim 12 wherein the liquid crystal panel has a polarizing plate on the front surface side and the back surface side.

14. (Original) The liquid crystal display according to Claim 13 wherein the transmission axis of a polarizing plate on the back

surface side of the liquid crystal panel and the transmission axis of the anisotropic scattering film are approximately parallel.

15. (Original) The liquid crystal display according to any of Claims 12 to 14 wherein a retardation plate is located between the anisotropic scattering film and the reflection plate or diffuse reflection plate.
